

# **FT-6315**

## **Fan Free Touch Control Desktop POS Terminal User's Manual**

**POSIFLEX**



### **FCC Notes:**

Rev.: Original

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with limits for a Class A digital device pursuant to subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures to correct the interference.

### **Warranty Limits:**

Warranty terminates automatically when any person other than the authorized technicians opens the machine. The user should consult his/her dealer for the problem happened. Warranty voids if the user does not follow the instructions in application of this merchandise. The manufacturer is by no means responsible for any damage or hazard caused by improper application.

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P/N: 16600900010

Part 1

## ALERT TO OUR HONORABLE CUSTOMERS:

- Please always read thoroughly all the instructions and documents delivered with the product before you do anything about it. Don't take any premature action before you have a full understanding of the consequences.
- This product contains inside a Lithium battery and maybe also a sealed type Lead acid battery if the UPS battery option is ordered. Please always follow local environmental protection laws / regulations for disposal of used batteries and always replace only with battery of same type.
- If you have an UPS battery installed in the product:
  - ✧ Temperature above **40°C must be strictly avoided** as it could cause termination of battery life and unexpected result even if the battery is not in work.
  - ✧ **Do not** power off the system just by shutting off the AC power leaving the battery supporting the whole system till completely exhausted. **Repeatedly using it up or improper maintenance reduces the battery life dramatically.**
  - ✧ Always fully recharge the battery at least once every 3 months if the battery is not connected.
  - ✧ Always **disconnect the UPS battery** from the system if the system is to be left OFF for more than **72 hours** to prevent possible damage. Only connect the UPS battery back right before you are going to re-power on the system.
  - ✧ Replace the battery as soon as the monitoring software indicates the battery is out of service. Attempt to recharge a dead battery is **dangerous!**
  - ✧ A separate battery monitor is not required for this series.

## DAILY MAINTENANCE GUIDE

For regular cleaning of the FT systems, please use only soft haired brush or dry soft cloth. You may use moist soft cloth to remove stains when necessary. Apply only proper amount of mild neutral detergent for obstinate stains. Please note that never use Acryl dissolving solvent or Polycarbonate dissolving solvent. You may apply ammonia-based glass cleaner only on the screen surface.

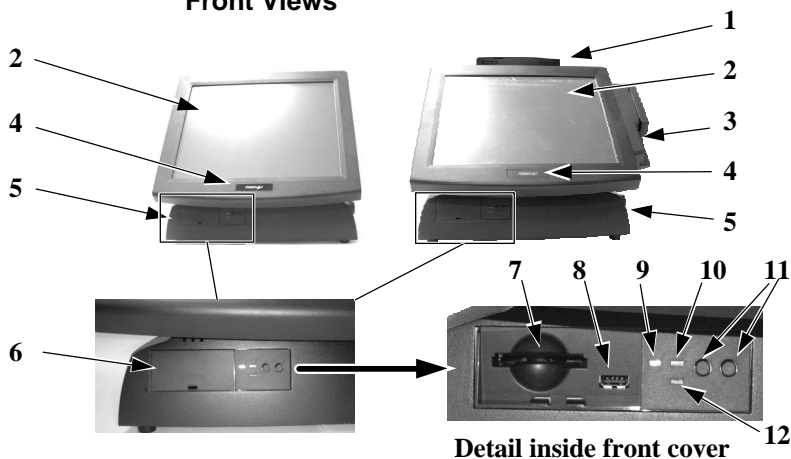
## CAUTION

**Risk Of Explosion If Battery Is Replaced By An Incorrect Type  
Dispose Of Used Batteries According To Local Regulations**

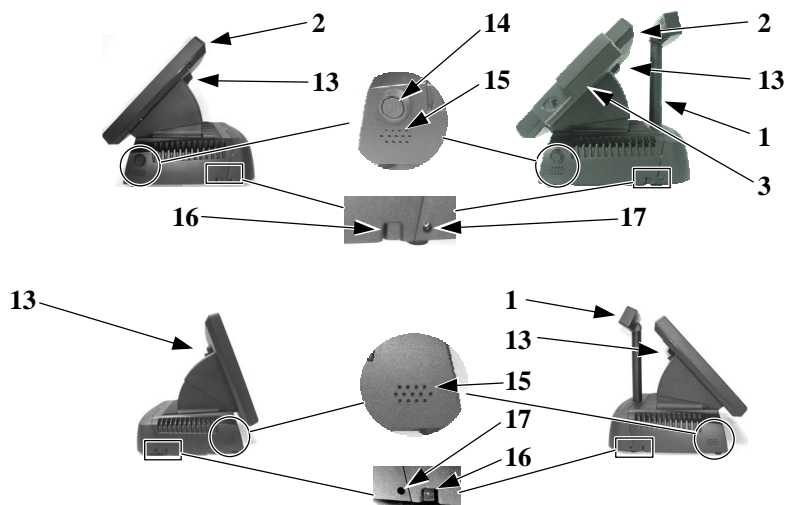
# INTRODUCTION

## PRODUCT PICTURES

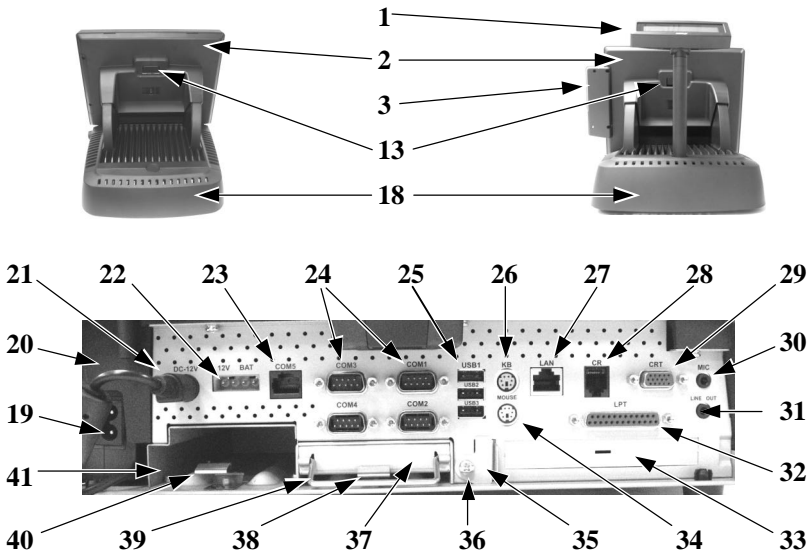
### Front Views



### Side Views



## Rear Views



## Detail inside back cover

Please note that the picture for inside front and back cover is for reference only. The actual layout may disagree from this picture if there is any difference in model or options selected or in the system revision. Please follow the actual layout for cable connections in this case.

**CAUTION: DO NOT release the HDD compartment (items 37, 38 and 39) or system damage may occur.**

## PARTS IDENTIFICATION

1. Optional base mount kit
2. Touch panel / LCD panel
3. Optional side mount kit
4. LOGO & Power indicator
5. Base unit
6. Front cover
7. CF memory card reader slot in front cover
8. USB port in front cover
9. LAN status indicator
10. HDD status indicator
11. LCD brightness / contrast adjust buttons
12. CF reader status indicator

13. LCD panel tilt adjust button
14. Power switch button
15. Acoustic vent
16. Back cover release button
17. Reserved back cover lockup screw hole
18. Back cover
19. External power connector for power adaptor
20. Power adaptor
21. Internal power connector
22. UPS battery connector
23. Additional serial COM port
24. Standard serial COM ports
25. USB ports in back
26. PS/2 KB port
27. LAN port
28. Cash drawer port
29. VGA port
30. Microphone input port
31. Audio line out port
32. LPT port
33. Semi-cut PCI plate window
34. PS/2 mouse port
35. PCI bracket
36. PCI bracket fixing screw
37. HDD bracket
38. HDD hold spring
39. HDD bracket handle
40. UPS battery hold spring
41. UPS battery compartment

## PRODUCT FEATURES

### Standard Features:

- a) CPU: Celeron M 1.5 GHz
- b) Fan free structure with Aluminum die cast main unit base casing for harsh environment
- c) Data storage device: HDD 2.5" 40 GB with status indicator in base or CF card.
- d) Support Win 2000, Win XP Pro, WEPOS and Linux OS
- e) High quality 15" TFT active matrix LCD panel.
- f) **Vertical type LCD panel with easy tilt** angle adjustment from 10° to 45°

- g) Brightness control by 2 push buttons in front side of base
- h) Durable resistive type touch panel that endures 35 million touches min. at same spot (leading edge Infra Red type optional)
- i) Spill proof water resistant structure allowing easy cleaning
- j) Easy maintenance construction
- k) Various I/O ports supported, including:
  - 1. one PS/2 KB port
  - 2. one PS/2 mouse port
  - 3. 4 serial ports with capability for +5V and +12V DC support in form of DB9 connectors with one additional serial port in form of 10 pin RJ45 modular jack.
  - 4. one parallel port
  - 5. 4 standard USB ports (1 in front, 3 in back) with 2 additional internal used USB ports
  - 6. one LAN port 10/100 base T Ethernet with LAN status indicators on jack and one indication LED in front side of base (green for link, orange for data transmission)
  - 7. one external VGA monitor port
  - 8. one PCI extension slot
  - 9. one DIN 4 pin lock type DC 12 V power input connector
  - 10. one UPS battery connector
  - 11. one cash drawer connector for control over max. 2 cash drawers
  - 12. one microphone input port
  - 13. one audio line out port
  - 14. one CF memory card reader slot on front side of base
- l) **Touch control functions:** left/right button, double click, drag & draw
- m) Dual display support (per OS capability)
- n) VGA memory size shared from system memory (8 ~ 32 MB)
- o) Support high performance **DDR SDRAM** with maximum memory size **2GB in 2 modules**
- p) Integrated structure for side mount upgrade kit like FA-200 with software programmable MSR parameters for Win 2000 or Win XP pro
- q) Built-in internal stereo speaker with 2 W audio amplifier
- r) **Built-in UPS function** to support the system from intermittent power failure (battery itself is an option)
- s) **Accidental power off protection** – The power switch is safely located inside a push-open cover, and it can be defined as a “ON” switch only through software command

### Option Items:

**Note:** The underlined items in the following list means that option must be set prior to shipment from the factory. The rest items can be set by the dealers.

- a) DDR SDRAM memory expansion up to 2GB
- b) RS232 interface Infra-Red type touch panel durable for 50 million touches min. at same spot
- c) SATA control card with 2.5" SATA HDD installation
- d) Conversion cable for the additional COM5 port to connect DB9 RS232 device. Please note that only the correct conversion cable must be used
- e) 2-in-1 cash drawer control cable
- f) Integrated side mount upgrade kit:
  - ✧ FA-200: MSR
  - ✧ or other later developed side mount upgrade kit
- g) Integrated base mount device:
  - ✧ PD2603 VFD pole display
  - ✧ PD308 LCD pole display
  - ✧ PD7623 graphic LCD customer display
  - ✧ or other later developed base device
- h) UPS battery in base
- i) Preload OS

## INSTALLATION GUIDES

**CAUTION:** Before any installation or cable connection to the set, please always make certain that the system is turned off and the external power source to the set is removed to prevent electric hazard! Never touch any metal pin in the connectors or circuits to avoid high voltage hazard or electrostatic discharge damage unless the operator is well grounded. Failure to do the above will void the product warranty!

### TECHNICAL ENHANCEMENTS

Applicable technical enhancements in FT-6315 series include serial COM port power supply settings, RTC battery replacement, VGA port power supply setting, DRAM upgrades and adding a half length PCI adapter card. All these technical enhancement operations require purchase of applicable Technical Manual from Posiflex or consultation from Posiflex authorized dealers and should be handled only by a **qualified technician**.

### NON-USER-INSTALLABLE OPTIONS

When the FT-6315 system is ordered with options like expanded system memory or side mount upgrade kit, the option(s) is (are) already installed in the system delivered. Therefore, no more installation is required.

### HALF LENGTH PCI EXTENSION CARD

Adding a half-length PCI extension card is possible. However, the whole operation will involve cautiously accessing the interior of the system, replacing the slot window metal plate, applying the card and installing its driver. Therefore, only a **computer expert** can perform this operation **on his own risk**.

### OPENING BACK COVER

The FT-6315 series is constructed for very easy maintenance. Press inward both back cover release buttons at lower rear corners on both sides of the system base unit (circled in right picture) to release the lower part of back cover. Please note

that there are 2 hooks on top edge of back cover holding to the base as marked on upper part of the picture. Carefully release the back cover from the hooks to show the main connection area for cable connections and installation of

Push This Button  
and also The One  
on The Other  
Side to Open  
Back Cover





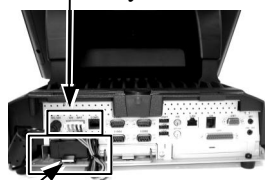
optional UPS battery.

**Note: Never** press the HDD hold spring carelessly or **system damages could occur**. The user shall be **responsible for such kind of damage**.

## INSTALLING UPS BATTERY (OPTION)

When the FT-6315 system is ordered with the UPS battery, the UPS battery is separately stored in the carton at delivery. Please take it out and place it into the battery compartment by first pressing down the UPS battery hold spring and then allow the spring to spring back and hold the UPS battery in the compartment as indicated by lower rectangle in picture at right. Connect the cable to its

UPS Battery Connector



UPS Battery Compartment

connector above the battery compartment in correct orientation (observe the shape of the connector – red wires at left) **only when the system is about to power up for operation. Always disconnect the UPS battery** when the system is to be left powered off for more than few days. Please pay particular attention to the environment requirement for UPS battery in next chapter “USING THE TOUCH TERMINAL”.

## CONNECTING CASH DRAWER (OPTION)

The RJ11 connector in main connection area of a FT-6315 system can be used for controlling most of the common cash drawers available on the market. However, it is most recommended that the Posiflex CR-2000 or CR-2200 or CR-3100 or CR-3200 or CR-4000 or CR-4100 or CR-4210 or CR-6200 be used for best compliance.

The FT-6315 system will directly control the cash drawer using the cash drawer port (CR) both to operate the opening mechanism and to monitor the drawer open status. Both functions may be accomplished under software control of the COM1 serial port.

Use the cable supplied with the cash drawer (Part No. 21863018010) for connection to the CR port in FT-6315 system. This cable has a 6-pole plug at one end and an 8-pole plug at the other. The 8-pole plug should be inserted into the connector marked: “signal cable from POS Printer” at the rear of the cash drawer. The 6-pole plug should be inserted in the connector marked “CR” found in the main connection area in the system.

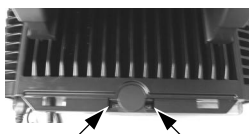
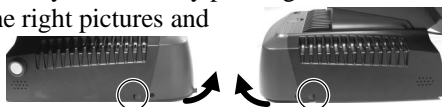
The user may also use the optional 2-in-1 cash drawer control cable CCBLA-238 to control 2 cash drawers in 1 port. It has a 6-pole plug at one end and two 8-pole plugs at the other. The 6-pole plug should be inserted in the connector marked “CR” found in the main connection area in the system. Each 8-pole plug should be inserted into the connector marked “signal cable from

POS Printer” at the rear of one of the cash drawers. The cable lengths for the two 8-pole plugs are different. Use the shorter one for the original cash drawer “CR1” and use the longer one for the extended cash drawer “CR2” that will be distinguished by the software command.

## INSTALLING BASE MOUNT KIT (OPTION)

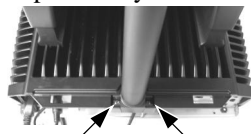
When the FT-6315 series is ordered with the base mount upgrade kit like customer display PD-2603/2603U, PD-308/308U or PD-7623 option, the customer display together with the pole for installing them to rear of base will be delivered in separate package from the system unit. Please follow the step by step installation guides below with reference to the attached pictures. The customer display will occupy one USB or COM port in the connection area. Consult your distributor for technical support on setting up the +5V DC supply to the COM port used if the customer display is of the serial interface type. The USB interface type such as PD-2603U or PD-308U will be powered through the USB port without specific setting.

1. First open the back cover of FT system base by pushing in the circled buttons on both sides as in the right picture and lift from bottom edge to remove the back cover.



2. Remove the pole cover on rear edge of the base top cover of FT system by first removing the 2 arrowed screws in the left picture and then pushing the wedge shaped pole cover up.

3. Insert the base of base mount upgrade kit from top of FT system base with the flat side of the pole base facing the back cover direction and screw back the 2 screws as in the right picture. Connect the interface cable to appropriate port.



## SIDE MOUNT UPGRADE KIT

When a side-mount upgrade kit option such as FA-200 is ordered with the FT-6315 system, this option is already installed in the delivery. No matter the kit itself contains MSR only, finger print sensor only or both options, the connection to the FT-6315 system is through an internal cable in right side cover of the LCD/touch unit. Remove the 2 circled screws in the left picture to remove the cover for side mount upgrade kit. Take out the cable inside this cover as circled in the left picture here and connect it to connector inside the side mount upgrade kit as arrowed in the same picture.





Gently arrange the excessive length of this cable back in the hole and screw-fit it back to the position originally occupied by the cover as in the right picture. Please reserve the cover if there is chance to have the side mount kit removed in the future.



## BARCODE SCANNER (OPTION)

When a PS/2 KB interface barcode scanner is installed in the system, a connection of a normal PS/2 keyboard or a Posiflex programmable keyboard could become obligatory by some OS. Therefore, if there will be no keyboard installed for such OS, it is advisory to use an USB interface type barcode scanner instead of the PS/2 KB interface type.

## AUDIO LINE OUT PORT

The audio output port is internally connected to audio amplifiers and speakers. So this port must be connected to a pair of speakers with booster or amplifier only.

## CONNECTING INTERFACE CABLES

Please connect all required interface cables to the appropriate connectors. Please make sure that each connector is connected to the correct port with the correct orientation. **Damages due to incorrect connection or orientation are not covered by product warranty!**

Some connectors like the LAN or CR connector or the optional conversion cable for additional COM5 port have to be gently inserted until a click is heard. Please note that the click lock spring has to be pressed down prior to pulling out the connector for later removal of the cables from these ports. It is recommended that connectors such as the external VGA and LPT connector be screwed into place once seated.

Connect the cables to appropriate external devices. Please make sure that each connector has to be connected to the right device in the right way.

**CAUTION: On doing any insertion or extraction of any connector, please always hold the connector head itself instead of pulling on the cable wire. Failure to do this could damage the cable and jack that is considered as an artificial destruction and is not covered by the warranty.**

## CONNECTING AC POWER

The power supply operating voltage *must* be checked to support the city power supply specification and switch selected if necessary. This must be done **WITHOUT** any connection to the AC power.

The operating voltage selection switch is located close to the power input connector in the main connection area inside the back cable cover.

The switch should indicate either 115 volts or 230 volts. When set at 115 volts the acceptable power supply voltage range is 103 volts to 122 volts whilst at 230 volts the acceptable power supply voltage ranges from 207 volts to 244 volts.

The power supply cable should first be connected to the power inlet (but **NOT** the wall socket). This cable should be consolidated with other cables and come out of the connection area through the bottom opening of the chassis.

## OPERATING SYSTEM RECOVERY

For FT systems with operating system in the Compact Flash Card, once the Compact Flash is damaged for any reason, the thin client may fail to boot. **A bootable new Compact Flash Card will be required to have the workstation back to work.** Please follow instructions given by the System Integrator to deal with situations like that. One more advice for CF Card application is that in spite of the fact that it is used in the way like an ordinary HDD, usual utilities such as **FDISK.EXE or FORMAT.COM shall never be used on CF Card** otherwise the boot sector of operating system itself may be damaged and causing the CF Card no longer bootable.

For FT systems preloaded with Windows XP Pro or WEPOS on HDD, Posiflex provides recovery CD delivered with the touch terminal for the preloaded operating system. The System Integrator shall take care of software restoration after OS recovered. A Posiflex supplied USB interface CDROM drive will be required for such action. Other brand CDROM drive may require its specific driver different from what supported in the recovery CD.

**Please use the recovery CD in rescue operation only. Using it otherwise may wipe out whatever stored in the HDD!** All upgrade devices drivers needed for manual installation in usual way are available in the subfolder “\drivers” in OS recovered HDD and the latest versions of these required drivers will be available on our web: <http://www.posiflex.com.tw>. Then follow instructions from your system integrator for software recovery.

## OPERATING SYSTEM INSTALLATION

This product is a highly professionalized equipment. The installation of an OS into a machine without any preloaded OS could constitute major difficulty for average user or obstacle by possibly unintentional negligence even for PC veterans to accomplish such a task. Therefore, OS installation into

a system without preloaded OS is highly discouraged. Posiflex shall not be responsible for any technical support to questions arisen due to non-preloaded OS.

# USING THE TOUCH TERMINAL

## APPLICATION ENVIRONMENT

It is **very** important that you check the following operational guidelines:

### Ventilation

This terminal must **NOT** be operated in an environment with restricted ventilation. There must be at least 25 mm air clearance around any top or side ventilation holes with a free flow of air around the unit at **ALL** times for the installation.

### Operating Environment

The equipment must not be operated or stored in extremes of both temperature and humidity/moisture. (Operating range 5°C to 40°C and up to 80% humidity – non condensing, max. wet bulb 26°C)

### UPS Battery (option)

#### General care:

The UPS battery is consumables beyond product warranty. Please definitely observe the alerts in beginning of this manual. If the equipment is to be powered off for more than few days, please always **disconnect** the battery from the system. Reconnect it and turn on the system to recharge the battery for 1 ~ 2 hours every 3 months for temperature lower than 30°C. Recharge for 1 ~ 2 hours every month for temperature over 30°C. Temperature above **40°C must be strictly avoided** as it could cause termination of battery life and unexpected result even if the battery is not in work. The UPS battery can support basically the data preservation and smooth running of the system during intermittent or few minutes (within 30 min. depending on loading and battery condition) power failure.

#### Battery replacement:

In the preloaded OS for a FT system, there is a built in utility Power Manager that will interface the UPS battery monitor status with user. When battery monitor disables the battery charging as designed while the UPS function of the system is originally enabled, in other words the UPS battery is found out of order if actually installed, there will be a popup message as the picture at right asking the user to agree disabling the UPS function. The system will operate under deactivated UPS function no matter agreed or not. However, the monitoring goes on and the popup message will come back on next system power up boot if not agreed. In any case, please replace the used up UPS battery at power off if the battery is well



connected there but found inoperable by such messages.

### **Emergency treatment:**

The battery is constructed maintenance free and leakproof. It is well protected in FT system as long as the ambient temperature remains below 30°C and the ventilation of the FT system remains free. However, should any accident happen and the sulfuric acid from the battery spills on skin or clothing, wash immediately with water. If the acid comes in contact with eyes, rinse eyes with large amount of clean water and see a doctor immediately. A larger external battery may be connected to give an extended operation. Please check your dealer about this capability when required.

### **WARNING:**

**If there are any signs of over charging or leakage of electrolyte please contact your dealer immediately**

### **Power Supply**

The operating voltage range of the power adaptor should cover the local power supply for proper operation. The power cable, the power outlet and any power fusing arrangements must conform to local safety regulations.

Please **never do any connection / disconnection** when system is still powered on. **Please always keep the system in a free air circulation.**

## **POWER ON/OFF**

### **Power Indicator**



The power indicator is the backlight LED module under the logo that serves for several purposes. The relationship between the indicator status and other conditions is summarized in following table:

<b>Indicator Status</b>	<b>System Status</b>	<b>External Power</b>	<b>UPS Battery</b>	<b>Powering Up</b>
Off	Off	Off	Not present	Not possible
Off	Off	Off	Present	Not allowed
Green	Off	On	No influence	Allowed
Blue	On	On	No influence	Not required
Blue/flash	On	Off	Activated	Not required
Blue/rapid flash	On	Off	Running at low capacity	Not required

The LED module indicates Power/StandBy status. When it lights up in green, it means that the external AC power is standing by with the system powered off. It turns into blue when the system is powered up. This module also indicates the status of system working on battery power by flashing in

blue. The blue light will flash rather fast when the UPS battery approaches a fully discharged condition to remind the operator that power will soon finish. In few seconds, the whole system will soon be automatically turned off and the LED module will be OFF. In case the AC power resumes during the usage of the battery power, the flashing LED will keep on flashing for few seconds before steady till the AC supply is stable.

### **Power ON/OFF control**

The FT-6315 system implements electronic power control, such that the main power to the system may be controlled by many methods as below:

1. Hardware power switch
2. Software OFF command
3. Emergency power OFF

Switching from OFF to ON requires a normal supply of the AC power.

### **Hardware Power Switch**

This button is located at top front corner of right side of base unit as in right picture and can be used to turn the system on and off alternatively. This hardware switch can also be programmed to be an ON only switch through software command so that when this switch is accidentally pressed during system turned on, the system just remains on and unaffected. When using this feature, please make sure that the software application has the ability to power off the machine. In preloaded Windows, “Posiflex Power Switch Manager” in “Posiflex Tools” in the Program Files helps managing these functions.



There must always be at least 10 seconds waiting before switching on again once the system is powered off successfully.

### **Software OFF Command**

The system may also be shut down under software control. Please just follow the arrangement by your system integrator for this capability. The FT also provides a specific means for the software to detect if the system is working on external or UPS battery power. Due to this feature, compatible software applications have the ability to change operating conditions when running on standard/backup power. The software programmer may take reference from the FT technical manual to apply such features.

### **Emergency Power OFF**

In case of serious system halt due to any reason, the system could fail to be powered off through normal means. Press and hold the Power ON/OFF Switch for Emergency Power Off. Release the switch after the system powered off. It will take about 4 seconds if the hardware switch is set to “ON/OFF” mode and it takes about 10 seconds if the hardware switch is set to “ON only”

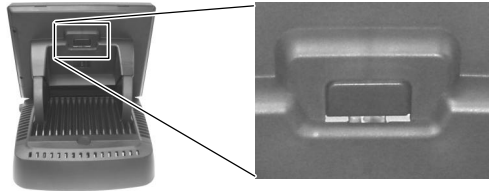


mode. If there appears to be some serious trouble for system restart or even this emergency power off, please disconnect the UPS battery if installed and the AC power supply for few minutes. This may allow all hardware registers to reset.

## DISPLAY ISSUES

### LCD / Touch Panel Tilt Adjust

Please find the rectangular plastic button at rear of the display base as enlarged in the right picture. Push it down (from back of the panel towards the front side) to adjust the display up and down. Release the button when done. The panel will lock firmly for application.



### LCD Panel Brightness Adjust

There are 2 LCD panel brightness control buttons on front side of base for digital control over the LCD panel brightness. A brief touch at the right / left button makes the LCD display brighter / dimmer by a minute amount. A holding touch makes continuous change till release.



### Main LCD Display

For best viewing result please set your display resolution at 1024 x 768 with high color for FT-6315.

In configuration of system memory, max. 32 MB can be shared as the video memory.

### VGA Port

The VGA port in the FT system supports Posiflex LCD monitor or touch monitor for 2<sup>nd</sup> display. This port supports either mirror mode (identical image) or extended mode dual display function for WinXP. To support the DC power to the stand alone Posiflex monitor, use the DC adaptor to connect into the monitor or use Posiflex VGA + power cable and set an internal jumper in FT main board to supply the required power through the VGA connector. **Do not connect other monitor to this port before the power in this port is disabled.**

### Display Utility Driver

The end user of the FT-6315 terminals is not supposed to install the utility drivers personally. If an optional preloaded OS is ordered, the required

driver will be already installed in the preloaded OS. However, the driver will always be available over our web site: <http://www.posiflex.com>

## FRONT COVER & OTHER INDICATORS

At left part on the front side of base unit, there is a front cover. Pick it up at the bottom notch and the CF memory card reader slot and an USB port for user's convenience will be accessible. To place the front cover back please insert first the top edge and then push the bottom edge in.



In the area between the front cover and the LCD brightness adjust buttons, there are several LED indicators for status other than the power status which is done by the LED module under logo in bottom center of the LCD panel. The upper one of the 2 LED's near the LCD brightness adjust buttons indicates the operation status of the HDD and the lower one indicates for the CF reader. The LED nearest to the front cover indicates the LAN status. When it lights up in green, the onboard LAN chip is linked. When it flashes in yellow, data transmission in LAN is in process. The LAN status indication is also observable on the LAN connector in back cover area.

## SERIAL PORTS – COM1/2/3/4/5

In FT system, there are 4 standard RS232 serial ports and 1 additional COM5 port in form of a 10 pin RJ45 type modular connector available. Please use only the optional conversion cable for COM5 (P/N: 21863233801 color: black) to connect a standard RS232 device. All serial ports can supply a +5 V DC through pin 9 or +12 V DC through pin 1 after proper jumper setting change. Please always change the jumper back to disable the power in these ports once the specific devices are no longer attached otherwise **damages will occur** if non-designated device is connected to such power supports.

On COM1 port of the FT system a COM1 terminator will be installed at delivery. Please always occupy COM1 serial port by a suitable serial device or this terminator. If this port is left vacant or connected with something like a mouse, the power switch management and the cash drawer control may fail to work correctly. An RS232 MODEM is also not applicable to this port. It is recommended to use other COM port instead.

## CUSTOMER DISPLAY

Please follow the instructions on the manual that comes along with the customer display when it is installed.

## **TOUCH FUNTION**

### **Mouse Emulation**

The touch panel in FT system uses USB interface as standard. Only the optional InfraRed type touch panel of FT-6315 uses RS232 interface. When the touch driver is properly installed, this touch panel works exactly like a standard mouse for both interfaces. However, if the system is running under safe mode, most drivers are disabled in this mode and the touch panel calibration is therefore not guaranteed. It is recommended to use a standard USB mouse or keyboard in this mode.

All the below mentioned mouse emulation functions can be manipulated through relevant software. The system can give a beep and a click on the left button of a mouse at the point when the touch panel is touched. If the point touched is dragged across the screen surface, it works as the mouse drag and drop feature. If the point is touched, released and touched within a short time interval, it is double-clicking left button of the mouse. To obtain the effect like clicking on the right button of a mouse, you have to use the “right-click sticky button tool” for USB touch or you have to go into the controller for IR touch.

### **Posiflex USB Touch Manager**

A program named “Posiflex USB Touch Manager” and a right-click sticky button tool in the program group “Posiflex USB Touch Tools” is installed in the preloaded Windows system with a USB interface touch panel controller. This program can also be obtained by download from the POSIFLEX web site.

### **RS232 Touch Controller**

If the FT system purchased is the leading edge Infra Red type touch models, the touch controller is of RS232 interface using an internally reserved COM6 port. The “Posiflex USB Touch Manager” above should be disregarded.

Once the RS232 touch controller driver is installed, the user can utilize it to control the mouse emulation. Please click “Start”, “Settings” “Control Panel” and ‘Elo Touchscreen” or just click the “elo” icon in tool tray to engage this utility. However, with this touch controller driver, certain display mode like full screen display of Windows DOS box should be avoided.

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